

JC962 U.S. PTO  
10/13/00

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09-04-01

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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A

UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 15311-2312

First Inventor David W. Hartwell

Title Detection of Added or Missing Forwarding Data  
Clock Signals

Express Mail Label No. EL736358893US

JC962 U.S. PTO  
08/31/01

APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents.</small>		ADDRESS TO:	
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <small>(Submit an original and a duplicate for fee processing)</small></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 10] <small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the Invention</li> <li>- Cross References to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the Invention</li> <li>- Brief Summary of the Invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> </p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C.113) [Total Sheets 1]</p> <p>5. Oath or Declaration [Total Pages 2]</p> <p>a. <input checked="" type="checkbox"/> Newly executed (original or copy)</p> <p>b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <small>(for a continuation/divisional with Box 18 completed)</small></p> <p>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></p> <p>6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p>		Assistant Commissioner for Patents Box Patent Application Washington, DC 20231	
ACCOMPANYING APPLICATIONS PARTS			
<p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small></p> <p>a. <input type="checkbox"/> Computer Readable Form (CRF)</p> <p>b. Specification Sequence Listing on: <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> paper</li> </ul> </p> <p>c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input checked="" type="checkbox"/> Power of <small>(when there is an assignee)</small> Attorney</p> <p>11. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <small>(Should be specifically itemized)</small></p> <p>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></p> <p>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other:</p>			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)  
 Prior application information: Examiner \_\_\_\_\_
of prior application No: \_\_\_\_\_ /  
Group / Art Unit: \_\_\_\_\_For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

 Customer Number or Bar Code Label

Insert customer number or bar code label here

or  Correspondence address below

Name	Edwin H. Paul 24267 PATENT TRADEMARK OFFICE				
Address	Cesari and McKenna 88 Black Falcon Avenue				
City	Boston	State	MA	Zip Code	02210
Country	U. S. A.	Telephone	(617) 951-2500		Fax (617) 951-3927

Name (Print/Type)	Edwin H. Paul	Registration No. (Attorney/Agent)	31,405
Signature			Date August 31, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.

These are the fees effective October 1, 1997.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB/09-12. See 37 C.F.R. §§ 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT**

**(\$)** **750**

## Complete If Known

Application Number	Not yet assigned
Filing Date	Herewith
First Named Inventor	David W. Hartwell
Examiner Name	Not yet assigned
Group / Art Unit	Not yet assigned
Attorney Docket No.	15311-2312

## METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit

Account Number

03-1237

Deposit

Account Name

Cesari and McKenna, LLP

Charge Any Additional Fee  Charge the Issue Fee Set in  
Required Under 37 C.F.R. §§1.18 at the Mailing of  
37 C.F.R. §§1.16 and 1.17 the Notice of Allowance

2.  Payment Enclosed:

Check  Money  Other  
Order

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105	130	205	65
127	50	227	25
139	900	139	900
147	2,520	147	2,520
112	920	112	920*
113	1,840	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	128	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	180	126	180
581	40	581	40
146	710	246	355
149	710	249	355
Other (specify)			
Other fee (specify)			
<b>SUBTOTAL (3) (\$)</b>			40

\*Reduced by Basic Filing Fee Paid

## FEE CALCULATION

### 1. BASIC FILING FEE

#### Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
<b>SUBTOTAL (1) (\$)</b>			710

### 2. EXTRA CLAIM FEES

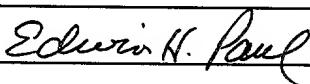
$$\begin{array}{cccc} & \text{Extra} & \text{Fee from} & \\ & \text{Claims} & \text{below} & \text{Fee Paid} \\ \text{Total Claims} & 8 & 0 & 0 \\ \text{Independent} & 2 & 0 & 0 \\ \text{Claims} & 2 & 0 & 0 \\ \text{Multiple Dependent} & & & 0 \end{array}$$

\*\*or number previously paid, if greater; For Reissues, see below

#### Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee Description
103	18	203
102	80	202
104	270	204
109	80	209
110	18	210
<b>SUBTOTAL (2) (\$)</b>		

## SUBMITTED BY

Typed or Printed Name	Edwin H. Paul	Complete (if applicable)
Signature		Reg. Number <b>31,405</b>

Date

August 31, 2001

Deposit Account User ID

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In Re The Application of: )  
David W. Hartwell )  
Serial No.: Not yet assigned ) Examiner: Not yet assigned  
Filed: Herewith )  
For: Detection of Added or Missing For- ) Art Unit: Not yet assigned  
warding Data Clock Signals )  
 )  
 )  
Cesari and McKenna, LLP  
88 Black Falcon Avenue  
Boston, MA 02210  
August 31, 2001

**EXPRESS-MAIL DEPOSIT**

“Express Mail” Mailing-Label Number: EL736358893US

The following papers are being deposited with the United States Postal Service  
“Express Mail Post Office to Addressee” service pursuant to 37 C.F.R. §1.10:

Patent Application ( 10 pages including 8 claims )  
 Power of Attorney  Oath or Declaration  
 Fee Transmittal Letter  Utility Patent Application Transmittal  
Letter  
 Assignment With Recordation Form  Informal Drawing ( 1 sheets )  
Cover Sheet  
 Check for \$710.00  Check for \$40.00